

(12) UK Patent Application (19) GB (11) 2 374 246 (13) A

(43) Date of Printing by UK Office 09.10.2002

(21) Application No 0211647.3

(22) Date of Filing 01.11.2000

(30) Priority Data

(31) 09433003

(32) 02.11.1999

(33) US

(86) International Application Data

PCT/US2000/030046 En 01.11.2000

(87) International Publication Data

WO2001/033338 En 10.05.2001

(71) Applicant(s)

Sun Microsystems, Inc.

(Incorporated in USA - Delaware)

901 San Antonio Road, Palo Alto, California 94303,
United States of America

(72) Inventor(s)

Jici Gao

(74) continued overleaf

(51) INT CL⁷

H04L 12/24, G06F 9/46

(52) UK CL (Edition T)

H4K KFMA KTKX

(56) Documents Cited by ISA

WO 1999/035856 A

WO 1998/008153 A

CZERWINSKI S E ET AL: "AN ARCHITECTURE FOR A
SECURE SERVICE DISCOVERY SERVICE" SEATTLE,
WA, AUG. 15-20, 1999, NEW YORK, NY: ACM, US, vol.
CONF. 5, 15 August 1999 (1999-08-15), pages 24-35,
XP000896069 ISBN: 1-58113-142-9 Abstract 1

Introduction, 2 Design Concepts, 2.3 XML Service

Descriptions, 3.2 Services 6.3 Jini

HODES T D ET AL: "COMPOSABLE AD HOC

LOCATION-BASED SERVICES FOR HETEROGENEOUS

MOBILE CLIENTS" WIRELESS NETWORKS, ACM, US,

vol.5, no. 5, October 1999 (1999-10), pages 411-427,

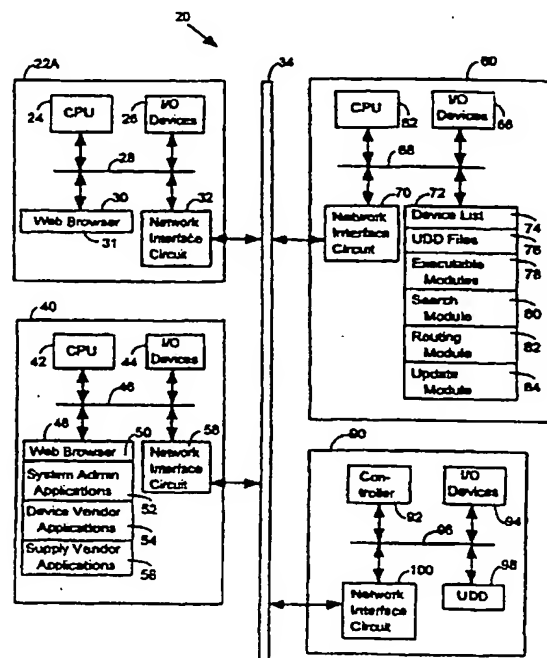
XP000902495 ISSN: 1022-0038 Abstract 2.

(56) and (58) continued overleaf

(54) Abstract Title

Apparatus and method for identifying and operating a digital device in a networked environment

(57) A method executed by one or more digital devices operating in a networked environment includes the step of storing a network address for each digital device of a set of digital devices within a networked environment. A Uniform Device Descriptor file is associated with each digital device of the set of digital devices. Each Uniform Device Descriptor file characterizes a set of attributes associated with its corresponding digital device. Specified attributes in a search request are matched with attributes in a Uniform Device Descriptor file to render a selected digital device.



GB 2 374 246 A

(74) Agent and/or Address for Service
Boult Wade Tennant
Verulam Gardens, 70 Gray's Inn Road, LONDON,
WC1X 8BT, United Kingdom

(56) cont
Designing a service interaction architecture, 3.1 Basic
operations, 3.2 System setup, 3.7.2 Interface
specification Fig. 7

(58) Field of Search by ISA
INT CL⁷ G06F, H04L
EPO-Internal, PAJ,WPI Data, INSPEC